

# PATENT ABSTRACTS OF JAPAN

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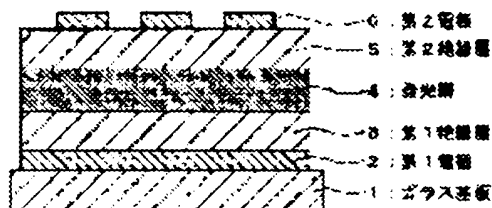
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## (54) EL ELEMENT AND ITS MANUFACTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide such an EL element with high pressure proof as being capable of reducing a pressure proof charge with a temperature change.

SOLUTION: An EL element has the first electrode 2, the first insulating layer 3, a luminous layer 4, the second insulating layer 5 and the second electrode 6 laminated in sequence on a glass substrate 1. The first insulating layer 3 and the second insulating layer 5 are formed as  $Al_2O_3/TiOx:Ba$  laminated structure films by alternately laminating  $Al_2O_3$  layers and Ba added titanium oxide ( $TiOx:Ba$ ) layers with an atomic layer epitaxial method (an ALE method).



## LEGAL STATUS

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